

#### ABSTRACT

A roller ironing machine for articles of clothing includes a heated ironing roller supported, guided and rotated in a frame, a floating pressure roller parallel to and in contact with the ironing roller and endless belts mounted to satellite rollers to cover part of the ironing roller. Additionally, axial journals belonging to the floating pressure roller rest against inclined planes which are fixed to the frame such as to form an angle in relation to a plane that is tangent to the ironing roller and the floating pressure roller on the line of mutual contact. The journals rest against the planes with a force that includes a normal component derived from the weight of the roller, thereby producing a greater ironing force than the weight of the roller owing to the wedge effect provided by the opposing directions of rotation of the ironing roller and the floating pressure roller.